

# iDynTree (iDyn 2)

- Final testing with original iDyn (same results!)
- iCubWholeBody → iCubTree
- But with new Whole Body features implemented:
  - dynamics linear in parameters (for adaptive control)
  - contact force estimation (to test)

## linearRegressorAdaptiveControl

- module for Adaptive Control (non iCub specific)
- Not yet tested!

# Nonlinear adaptive control

- Adaptation of control results for iCub framework
- Added saturated integral correction terms dealing with anti-wind up while preserving stability and convergence
- Gain tuning